IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#2

In re Application of:

Lucia MARAZZI et al.

Application No.: **Not Yet Assigned**

Filed: **May 27, 2005**

National Stage of International Application No. **PCT/EP2002/013514** under 35 U.S.C. 371, for **OPTICAL COMMUNICATION SYSTEM**

Group Art Unit: **Not Yet Assigned**

Examiner: **Not Yet Assigned**

MAIL STOP PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§1.56 and 1.97(b), applicants bring to the Examiner's attention the documents listed on attached Form PTO/SB/08 and cited in the international search report. With exception of the U.S. patents, copies of the listed documents are attached. Applicants respectfully request that the Examiner consider the documents listed on attached Form PTO/SB/08 and indicate that they were considered by making an appropriate notation on this form. This Information Disclosure Statement is being filed with the above-referenced application.

The following is listed on the accompanying PTO/SB/08 and is in a non-English language:

1. German Patent Publication No. DE 196 28 321 C1 - An English language translation of this document is attached.

In lieu of a statement of relevance or the translation of the non-English document, enclosed also is an English-language international search report from the European Patent Office in the PCT international application, from which this national

phase U.S. application is derived, citing this document and setting forth the relevance thereof.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents. Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: May 27, 2005

By: _____
Ernest F. Chapman
Reg. No. 25,961

Enclosures
EFC/FPD/sci

IDS Form PTO/SB/08: Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1

Complete if Known	
Application Number	**Not Yet Assigned**
Filing Date	**May 27, 2005**
First Named Inventor	**Lucia MARAZZI et al.**
Art Unit	**Not Yet Assigned**
Examiner Name	**Not Yet Assigned**
Attorney Docket Number	**05788.0360**

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] *(if known)*	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5,247,382	09-21-1993	SUZUKI	
		US-5,060,311	10-22-1991	MEISSNER et al.	
		US-4,805,235	02-14-1989	HENMI	
		US-6,178,036 B1	01-23-2001	YAO	
		US-5,400,165	03-21-1995	GNAUCK et al.	
		US-4,817,207	03-28-1989	SMITH et al.	
		US-4,983,024	01-08-1991	BOOTHROYD et al.	

Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3] Number[4] Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation[6]
		EP 1 056 230 A2	11-29-2000	ROLLINS		
		EP 0 381 341 A2	08-08-1990	CHRAPLYVY et al.		
		AU-B-13472/95	09-07-1995	DAS et al.		
		DE 196 28 321 C1	01-15-1998	SAUER et al.		YES

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation[6]
		CHBAT, M. W., et al., "High-Spectral-Efficiency Transmission Systems," Optical Fiber Communication Conference 2000, Paper TuJ1, pp. 134-136, (2000).	
		CHIOU, Y. et al., "Effect of Optical Amplifier Noise on Laser Linewidth Requirements in Long Haul Optical Fiber Communication Systems with Costas PLL Receivers," Journal of Lightwave Technology, Vol. 14, No. 10, pp. 2126-2133, (October 1996).	
		HOOIJMANS, P. W. et al., "Why FSK and CPFSK have Identical Linewidth Requirements," Journal of Lightwave Technology, Vol. 12, No. 8, pp. 1412-1422, (August 1994).	
		VODHANEL, R. S. et al., "Performance of Directly Modulated DFB Lasers in 10-Gb/s ASK, FSK, and DPSK Lightwave Systems," Journal of Lightwave Technology, Vol. 8, No. 9, pp. 1379-1385, (September 1990).	
		MORGADO, J. A. P. et al., "Dispersion Supported Transmission Technique: Comparison of Performance in Anomalous and Normal Propagation Regimes," IEE Proc.-Optoelectron., Vol. 148, No. 2, pp. 107-116, (April 2001).	
		TAKENOUCHI, H. et al., "An Optical Phase-Shft Keying Direct Detection Receiver Using a High-Resolution Arrayed-Waveguide Grating," Optical Fiber Communication Conference 1999, Paper TUO4, pp. 213-215 (1999).	
		BERGANO, N. S. et al., "Margin Measurements in Optical Amplifier Systems," IEEE Photonics Technology Letters, Vol. 5, No. 3, pp. 304-306, (March 1993).	
		WEDDING, B., "New Method for Optical Transmission Beyond Dispersion Limit," Electronics Letters, Vol. 28, No. 14, pp. 1298-300, (July 2, 1992).	
		AWAJI, Y. et al., "Error-Free Coherent Detection of OC-192 Phase-Modulated Data Using Phase-to-Amplitude Conversion (PAC) Based on Optical Injection Locking," Optical Fiber Communication Conference 2001, pp. ThH1-1 – ThH1-3, (2000).	
		YAO, X. S., "Phase-to-Amplitude Modulation Conversion Using Brillouin Selective Sideband Amplification," IEEE Photonics Technology Letters, Vol. 10, No. 2, pp. 264-266, (February 1998).	

Examiner Signature		Date Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.